



PRODUCT DATA SHEET

The Craftsman Collection Spray Stain Base

DESCRIPTION

The Craftsman Collection Spray Stain Base is a spray-no wipe stain base designed for Industrial wood finishing shops. With proper technique this stain allows the finisher to eliminate the blotchy appearance normally associated with difficult to stain woods such as maple, cherry, and birch. For wood substrates only. For interior use only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
SS-0100	<p>Viscosity: 14 #2 Zahn Weight Solids: 0.83 % Volume Solids: 0.69 % Weight/Gallon: 7.22 lbs./gal Coverage: 10.99 sq. ft. per gallon at one mil dry film thickness.</p> <p>VOC (reg./coating): 6.88 lbs./gl. or 824 g/l VOC (act/material): 2.38 lbs./gl. or 286 g/l VOC Ratio: 39.85 lbs. VOC/lbs. Solids HAPS Ratio: 0.0 lbs. HAPS/lbs. Solids</p> <p>Dry Times: Air Dry: at 78° F, relative humidity 50% To touch: 3-5 minutes To handle: 10 minutes To recoat: 15 minutes Relative humidity will affect the speed of drying. Ideal conditions are 75° F or warmer at 50% humidity or less. Dry time will be faster at higher temperatures and lower humidity and equally slower at colder temperatures and higher humidity.</p> <p>Dry Film Thickness: N/A</p> <p>Pot Life: N/A</p> <p>Shelf Life: 24 months @77° F if unopened and stored in a cool dry area. Always rotate stock.</p> <p>Storage: Keep away from heat or sparks.</p> <p><i>Note: These numbers represent actual control values on a smooth, sanded substrate. Spray techniques, texture, and sealing as well as film thickness may give different results on actual work, but they may be used for comparison. To the best of our knowledge, the above technical data is true and accurate at the date of issuance but is subject to change without prior notice</i></p>	<p>Tinting: SS-0100 may be tinted with the following colorants: 844 colorants up to 9 oz per gal (7% by volume) max. Gemini NG Dye Concentrates up to 12.8 oz per gal (10% by volume) max.</p> <p>When used in combination use no more than 9 oz per gal (7% by volume) max.</p> <p>Fill Level: 115 oz</p> <p>Reduction: Thinning: This product is supplied ready to use. No thinning is recommended.</p> <p>*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.</p> <p>Approved Companion Products Chromaflow 844 Series Colorants Gemini NG Dye Concentrates</p>
PRODUCT ADVANTAGES		
<ul style="list-style-type: none"> ➤ Designed Specifically For Industrial Wood Shops ➤ Quick Recoat Time ➤ Short Filled For Tinting ➤ Tint To Any Color With Approved Colorants ➤ HAPs Free 		

February, 2023

The following supersedes any provision contained in the forms, letters and papers of your company. This product is designed and intended for professional application only. All products should be thoroughly tested under application conditions prior to use. The information contained herein is believed to be reliable. **HOWEVER, GEMINI MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** UNDER NO CIRCUMSTANCES SHALL GEMINI BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF GEMINI FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS. TECHNICAL ADVICE FURNISHED BY GEMINI SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER. **CAUTION: DANGER! FLAMMABLE! VAPORS MAY CAUSE FLASH FIRE. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INJURIOUS TO EYES. KEEP OUT OF THE REACH OF CHILDREN!** BEFORE using this product, it is essential that the "Material Safety Data Sheet" describing the product as well as the "Product Label" be reviewed. If your company does not have such information or has any questions, contact the manufacturer.

PRODUCT DATA SHEET SS-0100 CONTINUED



Substrate preparation:

New wood: Remove any dirt, grease, glue or other contaminants. Moisture content of wood should be 7-9%. Sand to 150-180 grit. Proper sanding of wood is absolutely critical to achieve the best color development and adhesion of the coating to the substrate.

Old wood: Strip old finishes completely and remove all contaminants from the surface. Make sure the surface is dry, sand as required. Finish same as new wood.



Mixing Instructions:

Tint SS-0100 to desired color and mix thoroughly with mechanical agitation to ensure the colorant is fully incorporated. After tinting, mix material thoroughly before and during use. Material may be mixed by hand or mechanical agitation at moderate speed.



Application:

Typically spray-no wipe stains are designed to be applied in two passes. The first pass is applied against the grain and the final pass with the grain. This is especially important when spraying raised panel doors. To achieve an even color across the surface, apply each coat so that the grain is lightly wet. Do NOT spray the stain too dry as this will result in an uneven and opaque appearance. Overlap a minimum of 50%. If the color is not dark enough after two passes the color strength will need to be adjusted.



Recommended Tip Sizes:

Conventional Air	1.0-1.4 mm
HVLP	1.5-1.7 mm
Air Assisted Airless-	11-13 thousandths



Precautions:

These products are intended for Professional use only. Do not proceed if you are planning on mixing with other finishing systems or other manufacturer's products. Gemini will not be held liable for finish failures due to the improper use of our products or deviation from our finishing recommendations

Clean up:

Use SOL-9011 Non HAPs Thinner or SOL-9059 HAPs Free Reducer to clean up all equipment. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.